

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An information recording device, comprising:
a recorder which can record at least either image or audio information;
a wireless communication device for transmitting said information to external equipment through wireless communication;
a carrier generating section for generating a carrier for said wireless communication device; and
a controller for controlling the generation and pause of said carrier,
wherein said controller causes said carrier generating section to pause the generation of the carrier when the information recorder receives an instruction to capture an image, and the controller causes the carrier generating section, which is transmitting the at least image or audio information, to pause at least for a period from the time when said image or audio information is captured to the time when said image or audio information is recorded.
2. (Previously Presented) The information recording device according to claim 1, wherein said controller causes said carrier generating section to start the generation of a carrier when said information has been recorded.
3. (Currently Amended) A communication method of an information recording device, comprising the steps of:
generating a carrier for wireless transmission of the at least image or audio information when said wireless transmission to external equipment starts;
issuing an instruction to record at least either image or audio information; and
pausing the generation of said carrier when an instruction to record said information is issued.

4. (Previously Presented) The communication method of an information recording device according to claim 3, wherein some information indicating that said carrier is to be paused is transmitted to said external equipment before the generation of said carrier is paused.

5. (Previously Presented) The communication method of an information recording device according to claim 4, further comprising the steps of:

causing any external equipment to transmit equipment identification information to another equipment for pausing a carrier; and

causing said equipment for pausing a carrier to pause the generation of said carrier when it receives said equipment identification information.

6. (Previously Presented) The communication method of an information recording device according to claim 3, further comprising the step of receiving a synchronization signal emitted by external equipment while the generation of said carrier is paused.

7. (Original) The communication method of an information recording device according to claim 3, further comprising a step of starting the generation of said carrier when said information has been recorded.

8. (Original) The communication method of an information recording device according to claim 7, further comprising a step of automatically transmitting said recorded information to said external equipment when the generation of said carrier is started.

9. (Currently Amended) An electronic camera which transmits a captured image to external equipment through wireless communication, comprising: a communication device for pausing wireless oscillation, which transmits at least image or audio information, at least during an imaging process when the electronic camera receives an instruction to capture an image.

10. (Previously Presented) The electronic camera according to claim 9, wherein, while said wireless oscillation is paused after the communication with desired external equipment has been established, said communication device is placed into semi-stop state where it can be synchronized with said external equipment for communication therewith by activating a receiving section.

11. (Original) The electronic camera according to claim 10, wherein said semi-stop state starts when the communication with desired external equipment is established, when its shutter release button is operated, when an imaging process starts, or when a power-saving operation starts and said semi-stop state ends when an imaging process is finished or when a predetermined operation starts to go into ordinary communication enable state.

12. (Previously Presented) A communication system, comprising the electronic camera according to claim 10 and external equipment which has a storage medium for storing an image received from said electronic camera,

wherein, before going into said semi-stop state, said electronic camera notifies said external equipment that it will go into said semi-stop state and after pausing said semi-stop state, it notifies said external equipment that it has been released from said semi-stop state; and in response to the notification of semi-stop state received from said electronic camera, said external equipment keeps the connection therewith and supplies a synchronization signal.

13. (Previously Presented) The information recording device of claim 1, wherein the controller pauses the carrier generating section by pausing a carrier oscillation section of the carrier generating section.

14. (Previously Presented) The information recording device of claim 1, wherein a carrier oscillation section of the carrier generating section generates a carrier based on a transmission frequency signal generated by a clock oscillator.

15. (Currently Amended) An information recording device, comprising:

a recorder which can record at least either image or audio information;
a wireless communication device for transmitting said information to external equipment through wireless communication;
a carrier generating section for generating a carrier for said wireless communication device; and
a controller for controlling the generation and pause of said carrier,
wherein said controller causes said carrier generating section to pause the generation of the carrier when the information recorder receives an instruction to capture an image, and the controller causes the carrier generating section, which is transmitting the at least image or audio information, to pause at least for a period from the time when said image or audio information is captured to the time when said image or audio information is recorded, and

~~The information recording device of claim 1,~~ wherein the controller pauses only a carrier oscillation section of the carrier generating section while a clock oscillator of the carrier generating section is active.

16. (Previously Presented) The information recording device of claim 2, wherein when the controller causes said carrier generating section to start the generation of the carrier, information is transmitted to the external equipment.

17. (Previously Presented) The information recording device of claim 1, wherein the controller pauses said carrier oscillation section to reduce high frequency noise due to a high frequency carrier.